

Compressed Air Treatment Equipment



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REFRIGERATED COMPRESSED AIR DRYER

Features and advantages

Energy Saving

High efficiency heat exchanging wings made of aluminum alloy plates, cross-flowing high efficiency heat exchanging and sufficient exchanging area, maximizing the cooling energy inside the machine. Pressure loss is less than 0.02Mpa.

Excellent Performance

Under nominal operation conditions, the outlet dew point is 3 °C lower than that of the conventional tube shell refrigerated compressed air dryer.

Compact

The high efficiency heat exchangers made of aluminum alloy plates are, under same flow capacity, 2/3 less in volume than that of the conventional tube shell exchangers. The layouts are more compact, significantly reducing the footprint of the equipments, further freeing customers' limited space.

Environmental Friendly

Aluminum-alloy-made heat exchangers never get rusted, strong anti-corrosion property, pollution reoccurrence free. Environmental cooling medium adopted across the series, keeping up with the international trends of environment protection.

Top Configuration

Whole series of refrigerated compressors are of first class brands. Whole series of refrigeration control elements are of first class brands. Whole series of air coolers adopt nanometer anti-corrosion coating on the surfaces. Packed with Y-shape air inlet filters to effectively reduce pipe pollutants on the heat exchanging channel.



Working pressure: ≤13bar
 Maximum air inlet temperature: 65 °C
 Maximum ambient temperature: 50 °C
 Minimum ambient temperature: 5 °C
 Cooling method: air cooled

| Items | Type | DAD-0.3BNF | DAD-0.5BNF | DAD-1BNF | DAD-2BNF | DAD-3BNF | DAD-6BNF | DAD-10BNF | DAD-13BNF | DAD-15BNF |
|--------------------------------|-------------------------------|------------|------------|----------|----------|----------|----------|-----------|-----------|-----------|
| | Capacity(N ³ /min) | | 0.3 | 0.5 | 1.2 | 2.4 | 3.8 | 6.5 | 10.7 | 13.5 |
| Refrigerant | | R134a | R134a | R134a | R134a | R134a | R410a | R410a | R410a | R410a |
| Voltage(V/Hz) | | 220/50 | 220/50 | 220/50 | 220/50 | 220/50 | 220/50 | 220/50 | 380/50 | 380/50 |
| Compressor power(W) | | 0.21 | 0.21 | 0.32 | 0.6 | 0.9 | 1.65 | 2.71 | 4.65 | 4.65 |
| Fan power(W) | | 23 | 53 | 53 | 53 | 110 | 150 | 240 | 240 | 240 |
| Air inlet/outlet pipe diameter | | Rc1/2" | Rc1" | Rc1" | Rc1" | Rc1" | Rc1-1/2" | Rc2" | Rc2" | Rc2" |
| Weight(Kg) | | 28 | 34 | 35 | 44 | 62 | 100 | 140 | 180 | 190 |
| Dimensions | L(mm) | 420 | 630 | 630 | 690 | 760 | 770 | 970 | 970 | 970 |
| | W(mm) | 297 | 347 | 347 | 347 | 407 | 570 | 640 | 700 | 700 |
| | H(mm) | 430 | 520 | 520 | 520 | 560 | 790 | 880 | 880 | 1020 |

Specifications are subject to change without notice.

Air cooling type

Inlet temperature: $\leq 80\text{ }^{\circ}\text{C}$ ($45\text{ }^{\circ}\text{C}$)
 Cooling method: Air-cooling
 Inlet pressure: 4 ~ 13bar
 Pressure drop: $\leq 0.3\text{bar}$
 Dew point: 2 ~ $10\text{ }^{\circ}\text{C}$
 Refrigerant: R22/R410a/R134a/R407c



| Items | Type | DAD-1 | DAD-2 | DAD-3 | DAD-6 | DAD-8 | DAD-10 | DAD-13 | DAD-15 | DAD-20 | DAD-25 | DAD-30 | DAD-40 | DAD-50 | DAD-60 |
|---------------------------------|--------|--------|--------|----------|---------|---------|--------|--------|--------|----------|----------|----------|----------|----------|----------|
| | | HTF | HTF | HTF | HTF | HTF | HTF | HTF | HTF | HT(N)F | HT(N)F | HT(N)F | HT(N)F | HT(N)F | HT(N)F |
| Capacity (Nm ³ /min) | | 1.2 | 2.4 | 3.8 | 6.5 | 8.5 | 10.7 | 13.5 | 18 | 25 | 28 | 33 | 45 | 55 | 65 |
| Voltage(V/Hz) | | 220/50 | 220/50 | 220/50 | 220/50 | 220/50 | 380/50 | 380/50 | 380/50 | 380/50 | 380/50 | 380/50 | 380/50 | 380/50 | 380/50 |
| Compressor power(hp/kw) | | 1/0.85 | 1/0.85 | 1.25/0.9 | 1.5/1.1 | 2.5/1.8 | 3/2.5 | 3/2.5 | 3.6/3 | 5.0/4.0 | 6.0/4.5 | 7.5/6.5 | 10.5/8.8 | 12/10.2 | 15/13 |
| Fan power(W) | | 90 | 90 | 140 | 180 | 180 | 2×140 | 2×140 | 2×140 | 4(2)×180 | 4(2)×220 | 6(3)×250 | 6(3)×250 | 6(3)×450 | 8(4)×180 |
| Air inlet/outlet pipe diameter | | ZG1 | ZG1 | ZG1.5 | ZG1.5 | ZG1.5 | ZG2 | ZG2 | DN65 | DN80 | DN80 | DN100 | DN100 | DN125 | DN125 |
| Weight(Kg) | | 50 | 80 | 105 | 150 | 160 | 240 | 260 | 310 | 400 | 450 | 780 | 820 | 900 | 1100 |
| Dimensions | L (mm) | 630 | 700 | 850 | 880 | 880 | 1180 | 1180 | 1360 | 1360 | 1650 | 1670 | 2000 | 2350 | 2550 |
| | W (mm) | 450 | 450 | 500 | 550 | 550 | 670 | 670 | 710 | 710 | 750 | 750 | 950 | 1050 | 1100 |
| | H (mm) | 640 | 830 | 920 | 1020 | 1020 | 1080 | 1080 | 1220 | 1220 | 1290 | 1575 | 1740 | 1910 | 1940 |

Specifications are subject to change without notice.

Water cooling type

Inlet temperature: $\leq 80\text{ }^{\circ}\text{C}$ ($\leq 45\text{ }^{\circ}\text{C}$)
 Cooling method: Water-cooling
 Inlet pressure: 4 ~ 13bar
 Pressure drop: $\leq 0.3\text{bar}$
 Dew point: 2 ~ $10\text{ }^{\circ}\text{C}$
 Cooling water inlet temperature: $\leq 32\text{ }^{\circ}\text{C}$
 Refrigerant: R22/R410a/R134a/R407c
 Cooling water inlet pressure: 2 ~ 4bar



| Items | Type | DAD-10HT | DAD-20HT | DAD-30HT | DAD-40HT | DAD-50HT | DAD-60HT | DAD-80HT | DAD-100HT | DAD-150HT | DAD-200HT | DAD-300HT |
|---|--------|----------|----------|-----------|-----------|-----------|------------|------------|------------|-----------|------------|-----------|
| | | (N)W | (N)W | (N)W | (N)W | (N)W | (N)W | (N)W | (N)W | (N)W | (N)W | (N)W |
| Capacity(Nm ³ /min) | | 10.7 | 25 | 33 | 45 | 55 | 65 | 85 | 110 | 160 | 220 | 300 |
| Voltage(V/Hz) | | 380/50 | 380/50 | 380/50 | 380/50 | 380/50 | 380/50 | 380/50 | 380/50 | 380/50 | 380/50 | 380/50 |
| Compressor power(hp/kw) | | 3/2.5 | 5.0/4.0 | 7.5/6.1 | 10.5/8.0 | 12/9.0 | 15/11.3 | 20/16 | 25/19 | 36/27 | 50/38 | 80/60 |
| Cooling circulating water capacity(m ³ /h) | | 3.0(1.8) | 7.2(3.6) | 11.2(5.9) | 14.5(7.2) | 19.5(9.2) | 21.8(10.8) | 25.5(12.4) | 29.5(14.6) | 38(18.6) | 48.8(24.4) | 72(36) |
| Air inlet/outlet pipe diameter | | ZG2 | DN80 | DN100 | DN100 | DN125 | DN125 | DN150 | DN150 | DN200 | DN200 | DN250 |
| Condenser water pipe diameter | | ZG1 | ZG1.5 | ZG1.5 | ZG1.5 | ZG2 | ZG2 | ZG2 | ZG2 | ZG2.5 | ZG2.5 | ZG3 |
| Weight(Kg) | | 260 | 430 | 860 | 980 | 1150 | 1250 | 1600 | 2200 | 3000 | 3200 | 4100 |
| Dimensions | L (mm) | 1180 | 1360 | 1650 | 1850 | 2100 | 2280 | 2420 | 2750 | 3108 | 3200 | 4100 |
| | W (mm) | 670 | 710 | 950 | 850 | 920 | 1300 | 1340 | 1350 | 1400 | 1920 | 4000 |
| | H (mm) | 1080 | 1220 | 1590 | 1630 | 1645 | 1880 | 1900 | 2004 | 2122 | 2122 | 2580 |

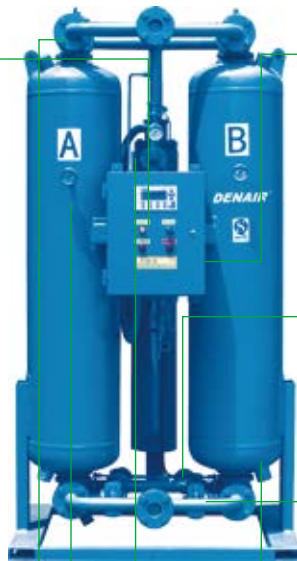
Specifications are subject to change without notice.

DESICCANT AIR DRYER

Features and advantages



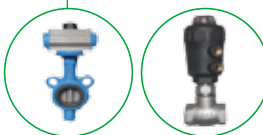
- The control system uses single-chip microcomputer program for automatic control, performance stable and reliable (PLC control can optional);
- With the valve switch automatic display function, friendly interface, Simple operation, easy routine maintenance;
- Automatic alarm system, intake air temperature too high alarm, the intake pressure too low alarm, the heating temperature alarm (micro heat regeneration type);
- According to the actual load and temperature, adjustable gas consumption proportion, to save gas consumption;
- Can choose cycle switch time, meet the requirements of dew point of the products.



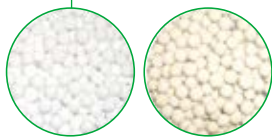
- Imported electromagnetic valve performance is reliable, modular design, and with motion indication, simple maintenance.
- Pneumatic dust filter, prevent dust from entering the pneumatic control components, lower valve failure rate.



- The new muffler sound-absorbing glass with high temperature ultra-fine cotton and combined with the imported special treatment silencer filter and other material, the regeneration noise ≤ 72 dB (A).



- Compared with other electromagnetic control valve, pneumatic control valve's lifetime longer, to ensure long-term stable operation of the dryer.



- High quality adsorbent



- Reliable performance no return valve



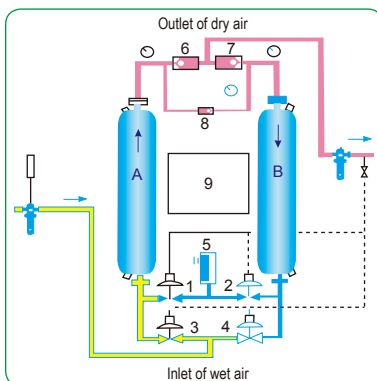
- Quality and efficient heater (use for heated purge desiccant air dryer)



- Stainless steel material diffuser, has stability, diffusion, filtering, and other functions of the airflow

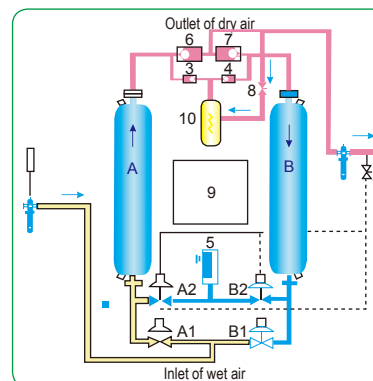
Flow chart

Heatless type



- A, B: Absorb tower
- 1, 2, 3, 4: Switch valve
- 5: Silencer
- 6, 7: Check valve
- 8: Throttle
- 9: Program controller

Externally Heated type



- A, B : Absorb tower
- A1, A2, B1, B2: Switch valve
- 5: Silencer
- 3, 4, 6, 7: Check valve
- 8: Throttle
- 9: Program controller
- 10: Heating element

Desiccant heatless type

Purge air: $\leq 12 \sim 15\%$
 Working pressure: 6 ~ 10bar
 Inlet oil content: $\leq 0.01\text{ppm}$
 Pressure dew point: $-20\text{ C} \sim -40\text{ C}$

Desiccant: Activated aluminum or Molecular sieze
 Working periods: T= 4 ~ 20 Minutes
 Inlet temperature: $0\text{ C} \sim 45\text{ C}$



| Type | Items | Capacity (Nm ³ /min) | Air inlet/outlet pipe diameter | Dimensions(mm) | | | Weight(kg) |
|------------|-------|---------------------------------|--------------------------------|----------------|------|------|------------|
| | | | | L | W | H | |
| DAD-1WXF | | 1.2 | ZG1 | 800 | 400 | 1376 | 120 |
| DAD-2WXF | | 2.4 | ZG1 | 800 | 400 | 1476 | 180 |
| DAD-3WXF | | 3.8 | ZG1.5 | 1000 | 450 | 1600 | 270 |
| DAD-5WXF | | 5.5 | ZG1.5 | 1000 | 450 | 1890 | 300 |
| DAD-6WXF | | 6.5 | ZG1.5 | 1200 | 500 | 1950 | 400 |
| DAD-8WXF | | 8.5 | ZG1.5 | 1400 | 600 | 2000 | 510 |
| DAD-10WXF | | 10.7 | ZG2 | 1400 | 600 | 2090 | 700 |
| DAD-13WXF | | 13.5 | ZG2 | 1400 | 600 | 2140 | 740 |
| DAD-15WXF | | 18 | DN65 | 1400 | 600 | 2200 | 780 |
| DAD-20WXF | | 25 | DN80 | 1670 | 650 | 2435 | 1180 |
| DAD-30WXF | | 35 | DN100 | 1670 | 650 | 2566 | 1760 |
| DAD-40WXF | | 45 | DN100 | 1750 | 750 | 2700 | 2200 |
| DAD-50WXF | | 55 | DN125 | 1800 | 750 | 2755 | 2600 |
| DAD-60WXF | | 65 | DN125 | 1900 | 700 | 3070 | 3100 |
| DAD-80WXF | | 85 | DN150 | 2620 | 1120 | 3070 | 4100 |
| DAD-100WXF | | 110 | DN150 | 3100 | 1650 | 3200 | 5200 |
| DAD-160WXF | | 160 | DN200 | 3240 | 1770 | 3190 | 6000 |

Specifications are subject to change without notice.

Externally heated type

Purge air: $\leq 4 \sim 6\%$
 Working pressure: 4 ~ 10bar
 Inlet oil content: $\leq 0.01\text{ppm}$
 Pressure dew point: $-20\text{ C} \sim -70\text{ C}$

Desiccant: Activated aluminum or Molecular sieze
 Working periods: T= 60 ~ 180 Minutes
 Inlet temperature: $0\text{ C} \sim 45\text{ C}$



| Type | Items | Capacity (Nm ³ /min) | Heater power (kw) | Air inlet/outlet pipe diameter | Dimensions(mm) | | | Weight(kg) |
|------------|-------|---------------------------------|-------------------|--------------------------------|----------------|------|------|------------|
| | | | | | L | W | H | |
| DAD-1MXF | | 1.2 | 1.5 | ZG1 | 800 | 480 | 1420 | 145 |
| DAD-2MXF | | 2.4 | 1.5 | ZG1 | 800 | 480 | 1520 | 200 |
| DAD-3MXF | | 3.8 | 1.5 | ZG1.5 | 1000 | 525 | 1600 | 330 |
| DAD-5MXF | | 5.5 | 1.5 | ZG1.5 | 1000 | 525 | 1890 | 350 |
| DAD-6MXF | | 6.5 | 3 | ZG1.5 | 1200 | 550 | 1950 | 430 |
| DAD-8MXF | | 8.5 | 3 | ZG1.5 | 1400 | 600 | 2000 | 550 |
| DAD-10MXF | | 10.7 | 4.5 | ZG2 | 1400 | 600 | 2090 | 750 |
| DAD-13MXF | | 13.5 | 4.5 | ZG2 | 1400 | 600 | 2140 | 790 |
| DAD-15MXF | | 18 | 4.5 | DN65 | 1400 | 650 | 2200 | 830 |
| DAD-20MXF | | 25 | 6 | DN80 | 1670 | 725 | 2435 | 1250 |
| DAD-30MXF | | 35 | 8 | DN100 | 1670 | 725 | 2566 | 1480 |
| DAD-40MXF | | 45 | 8 | DN100 | 1750 | 775 | 2700 | 1740 |
| DAD-50MXF | | 55 | 15 | DN125 | 1800 | 775 | 2755 | 2260 |
| DAD-60MXF | | 65 | 15 | DN125 | 1900 | 800 | 3070 | 2600 |
| DAD-80MXF | | 85 | 20 | DN150 | 2620 | 1120 | 3073 | 3380 |
| DAD-100MXF | | 110 | 30 | DN150 | 3100 | 1650 | 3200 | 4390 |
| DAD-160MXF | | 160 | 50 | DN200 | 3240 | 1770 | 3190 | 5800 |

Specifications are subject to change without notice.

COMBINED TYPE AIR DRYER

Refrigerated dryer + Desiccant dryer

Inlet pressure: 6 ~ 10bar
 Pressure dew point: -40 C ~ -70 C
 Cooling Water temperature: ≤32 C
 Inlet temperature: ≤45 C
 Purge air: ≤3~5%
 Pressure drop: ≤0.8bar



| Type | Items | Capacity (Nm ³ /min) | Circulating cooling water capacity (m ³ /h) | Air inlet/outlet pipe diameter | Dimensions(mm) | | | Weight(kg) |
|------------|-------|---------------------------------|--|--------------------------------|----------------|------|------|------------|
| | | | | | L | W | H | |
| DAD-1MZ * | | 1.2 | | ZG1 | 1020 | 710 | 1380 | 350 |
| DAD-2MZ * | | 2.4 | | ZG1 | 1020 | 710 | 1480 | 450 |
| DAD-3MZ * | | 3.8 | | ZG1.5 | 1100 | 980 | 1810 | 500 |
| DAD-6MZ * | | 6.5 | | ZG1.5 | 1400 | 1050 | 1950 | 710 |
| DAD-10MZ * | | 10.7 | 1.8 | ZG2 | 1550 | 1350 | 2090 | 1100 |
| DAD-13MZ * | | 13.5 | 1.8 | ZG2 | 1570 | 1380 | 2140 | 1200 |
| DAD-15MZ * | | 18 | 3 | DN65 | 1600 | 1420 | 2145 | 1300 |
| DAD-20MZ * | | 25 | 3.6 | DN80 | 1750 | 1400 | 2410 | 1800 |
| DAD-30MZ * | | 35 | 5.9 | DN100 | 2100 | 1680 | 2600 | 2700 |
| DAD-40MZ * | | 45 | 7.2 | DN100 | 2290 | 1800 | 2710 | 3300 |
| DAD-50MZ * | | 55 | 9.2 | DN125 | 2430 | 1950 | 2755 | 3400 |
| DAD-60MZ * | | 65 | 10.8 | DN125 | 2490 | 2180 | 3070 | 3800 |

Specifications are subject to change without notice.

OIL REMOVER

Inlet pressure: 2 ~ 10bar
 Inlet temperature: ≤5 C ~ 80 C
 Initial pressure drop: ≤0.05bar
 Filter route: 5µm
 Water removal rate: ≥99%
 Outlet air oil content: ≤0.01ppm

| Type | Items | SFU-1 | SFU-2 | SFU-3 | SFU-6 | SFU-10 | SFU-13 | SFU-15 | SFU-20 | SFU-30 | SFU-40 | SFU-60 |
|--------------------------------|--------------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|
| Capacity(Nm ³ /min) | | 1.2 | 2.4 | 3.8 | 6.5 | 10.7 | 13.5 | 17 | 25 | 33 | 45 | 65 |
| Air inlet/outlet pipe diameter | | ZG1 | ZG1 | ZG1.5 | ZG1.5 | ZG2 | ZG2 | DN65 | DN80 | DN100 | DN100 | DN125 |
| Weight(kg) | | 24 | 27 | 30 | 35 | 65 | 75 | 90 | 105 | 136 | 150 | 182 |
| Dimensions | Diameter(mm) | 133 | 133 | 133 | 133 | 159 | 159 | 159 | 159 | 273 | 325 | 412 |
| | Height(mm) | 845 | 845 | 845 | 1030 | 1265 | 1139 | 1139 | 1630 | 1846 | 1990 | 2242 |

Specifications are subject to change without notice.

COMPRESSED AIR FILTERS

Liquid separator filter (C): 3 micro, 5ppm
 Particulate filter (T): 1micro, 1ppm
 Oil removal filter (A): 0.01micro, 0.01ppm
 Oil removal extra fine filter (AA): 0.01micro, 0.001ppm
 Vapor filter (H): 0.01micro, 0.001ppm



| Items | Model | Capacity (Nm ³ /min) | Air intake pipe diameter | Dimensions(mm) | | | Weight(kg) |
|--------------------|-------|------------------------------------|-----------------------------|----------------|-----|------|------------|
| | | | | L | W | H | |
| C, T, A, AA, H-001 | | 1.2 | ZG1 | 105 | 76 | 250 | 2 |
| C, T, A, AA, H-002 | | 2.4 | ZG1 | 105 | 78 | 310 | 3 |
| C, T, A, AA, H-003 | | 3.8 | ZG1.5 | 137 | 99 | 400 | 4 |
| C, T, A, AA, H-006 | | 6.5 | ZG1.5 | 137 | 99 | 425 | 5 |
| C, T, A, AA, H-008 | | 8 | ZG1.5 | 137 | 99 | 620 | 5 |
| C, T, A, AA, H-010 | | 10.7 | ZG2 | 137 | 99 | 620 | 5 |
| C, T, A, AA, H-010 | | 10.7 | DN50 | 310 | 133 | 860 | 25 |
| C, T, A, AA, H-013 | | 14 | ZG2 | 135 | 108 | 750 | 10 |
| C, T, A, AA, H-013 | | 14 | DN50 | 310 | 133 | 860 | 25 |
| C, T, A, AA, H-015 | | 18 | ZG2.5 | 148 | 125 | 920 | 13 |
| C, T, A, AA, H-015 | | 18 | DN65 | 310 | 133 | 860 | 25 |
| C, T, A, AA, H-020 | | 22 | ZG2.5 | 148 | 125 | 920 | 14 |
| C, T, A, AA, H-020 | | 25 | DN80 | 379 | 159 | 1040 | 44 |
| C, T, A, AA, H-025 | | 28 | DN80 | 379 | 159 | 1090 | 46 |
| C, T, A, AA, H-030 | | 35 | DN100 | 465 | 219 | 1060 | 65 |
| C, T, A, AA, H-040 | | 45 | DN100 | 470 | 219 | 1060 | 68 |
| C, T, A, AA, H-054 | | 54 | DN125 | 513 | 273 | 1215 | 96 |
| C, T, A, AA, H-066 | | 60 | DN125 | 513 | 273 | 1215 | 96 |
| C, T, A, AA, H-088 | | 88 | DN150 | 615 | 325 | 1395 | 140 |
| C, T, A, AA, H-110 | | 110 | DN150 | 615 | 377 | 1300 | 145 |
| C, T, A, AA, H-132 | | 132 | DN150 | 615 | 416 | 1395 | 210 |
| C, T, A, AA, H-150 | | 150 | DN200 | 615 | 462 | 1470 | 220 |
| C, T, A, AA, H-180 | | 180 | DN200 | 615 | 462 | 1470 | 235 |
| C, T, A, AA, H-200 | | 200 | DN200 | 615 | 516 | 1504 | 240 |
| C, T, A, AA, H-230 | | 230 | DN200 | 615 | 466 | 1395 | 265 |
| C, T, A, AA, H-250 | | 250 | DN250 | 870 | 566 | 1710 | 274 |
| C, T, A, AA, H-300 | | 300 | DN250 | 920 | 616 | 1717 | 312 |
| C, T, A, AA, H-350 | | 350 | DN300 | 970 | 666 | 1835 | 371 |
| C, T, A, AA, H-400 | | 400 | DN300 | 1070 | 766 | 1915 | 427 |
| C, T, A, AA, H-450 | | 450 | DN350 | 1070 | 766 | 1915 | 427 |
| C, T, A, AA, H-500 | | 500 | DN350 | 1070 | 766 | 1915 | 427 |
| C, T, A, AA, H-550 | | 550 | DN400 | 1116 | 816 | 2000 | 493 |
| C, T, A, AA, H-600 | | 600 | DN400 | 1116 | 816 | 2000 | 493 |

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AIR RECEIVER TANK

0.3 ~ 10 m³ @ 8 ~16 bar(e)

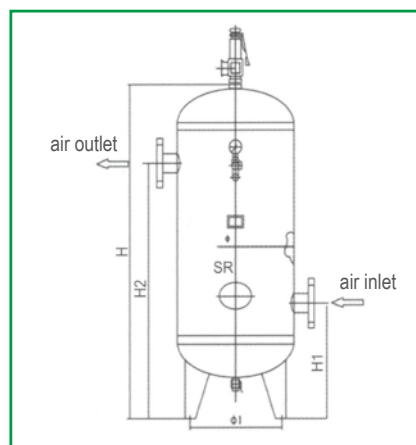
| No. | Capacity(m ³)/ Pressure(Mpa) | Designed temperature | Height H1 | Weight (kg) | Diameter Φ | Air inlet | | | Air outlet | | | Support | | Safety valve nozzle | Drain valve nozzle |
|-----|---|-------------------------|--------------|----------------|---------------|-----------|----|----------------------|------------|----|----------------------|---------|----|---------------------------|--------------------------|
| | | | | | | H2 | DN | Screw thread type | H3 | DN | Screw thread type | D | d | | |
| 1 | 0.3/0.8 | 110 | 1594 | 118 | 550 | 642 | 50 | Rp11/2 | 1242 | 50 | Rp11/2 | 400 | 20 | Rp3/4 | R1/2 |
| 2 | 0.3/1.0 | | 1594 | 128 | | 642 | | | 1242 | | | | | | |
| 3 | 0.3/1.3 | | 1598 | 155 | | 644 | | | 1244 | | | | | | |
| 4 | 0.3/1.6 | | 1598 | 140 | 644 | 1244 | | | | | | | | | |
| 5 | 0.6/0.8 | | 1905 | 183 | 680 | 1550 | | | | | | | | | |
| 6 | 0.6/1.0 | | 1907 | 213 | 681 | 1551 | | | | | | | | | |
| 7 | 0.6/1.3 | | 1909 | 255 | 682 | 1552 | | | | | | | | | |
| 8 | 0.6/1.6 | | 1907 | 212 | 681 | 1551 | | | | | | | | | |
| 9 | 1.0/0.8 | | 2305 | 264 | 690 | 1920 | | | | | | | | | |
| 10 | 1.0/1.0 | | 2307 | 304 | 691 | 1921 | | | | | | | | | |
| 11 | 1.0/1.3 | | 2305 | 265 | 690 | 1920 | | | | | | | | | |
| 12 | 1.0/1.6 | | 2307 | 322 | 691 | 1921 | | | | | | | | | |
| 13 | 1.5/0.8 | | 2265 | 290 | 760 | 1810 | | | | | | | | | |
| 14 | 1.5/1.0 | | 2265 | 310 | 760 | 1810 | | | | | | | | | |
| 15 | 1.5/1.3 | | 2267 | 385 | 761 | 1811 | | | | | | | | | |
| 16 | 1.5/1.6 | | 2566 | 507 | 753 | 2118 | | | | | | | | | |
| 17 | 2.0/0.8 | | 2780 | 350 | 760 | 2320 | | | | | | | | | |
| 18 | 2.0/1.0 | | 2780 | 380 | 760 | 2320 | | | | | | | | | |
| 19 | 2.0/1.3 | | 2782 | 470 | 761 | 2321 | | | | | | | | | |
| 20 | 2.0/1.6 | | 2786 | 609 | 763 | 2323 | | | | | | | | | |
| 21 | 2.5/0.8 | | 3300 | 400 | 760 | 2840 | | | | | | | | | |
| 22 | 2.5/1.0 | | 3300 | 435 | 760 | 2840 | | | | | | | | | |
| 23 | 2.5/1.3 | | 3302 | 550 | 761 | 2841 | | | | | | | | | |
| 24 | 2.5/1.6 | | 2836 | 728 | 788 | 2348 | | | | | | | | | |
| 25 | 3.0/0.8 | | 2920 | 525 | 850 | 2410 | | | | | | | | | |
| 26 | 3.0/1.0 | | 2922 | 600 | 851 | 2411 | | | | | | | | | |
| 27 | 3.0/1.3 | | 2926 | 715 | 853 | 2413 | | | | | | | | | |
| 28 | 3.0/1.6 | | 2926 | 855 | 853 | 2413 | | | | | | | | | |
| 29 | 4.0/0.8 | | 3030 | 645 | 910 | 2470 | | | | | | | | | |
| 30 | 4.0/1.0 | | 3032 | 740 | 911 | 2471 | | | | | | | | | |
| 31 | 4.0/1.3 | | 3036 | 940 | 913 | 2473 | | | | | | | | | |
| 32 | 4.0/1.6 | | 3040 | 1169 | 915 | 2475 | | | | | | | | | |
| 33 | 5.0/0.8 | | 3700 | 765 | 910 | 2990 | | | | | | | | | |
| 34 | 5.0/1.0 | | 3702 | 885 | 911 | 2991 | | | | | | | | | |
| 35 | 5.0/1.3 | | 3726 | 1125 | 913 | 3013 | | | | | | | | | |
| 36 | 5.0/1.6 | | 3730 | 1428 | 915 | 3015 | | | | | | | | | |
| 37 | 6.0/0.8 | | 4330 | 870 | 910 | 3620 | | | | | | | | | |
| 38 | 6.0/1.0 | | 4332 | 1010 | 911 | 3621 | | | | | | | | | |
| 39 | 6.0/1.3 | | 4346 | 1300 | 913 | 3633 | | | | | | | | | |
| 40 | 6.0/1.6 | | 4350 | 1643 | 915 | 3635 | | | | | | | | | |
| 41 | 8.0/0.8 | | 3154 | 1369 | 1082 | 2362 | | | | | | | | | |
| 42 | 8.0/1.0 | | 3156 | 1543 | 1083 | 2363 | | | | | | | | | |
| 43 | 8.0/1.3 | | 3190 | 1878 | 1100 | 2380 | | | | | | | | | |
| 44 | 8.0/1.6 | | 3194 | 2185 | 1102 | 2382 | | | | | | | | | |
| 45 | 10.0/0.8 | | 3754 | 1601 | 1082 | 2962 | | | | | | | | | |
| 46 | 10.0/1.0 | | 3756 | 1743 | 1083 | 2963 | | | | | | | | | |
| 47 | 10.0/1.3 | | 3790 | 2159 | 1100 | 2980 | | | | | | | | | |
| 48 | 10.0/1.6 | | 3794 | 2542 | 1102 | 2982 | | | | | | | | | |
| 49 | 12/0.8 | | 4354 | 1816 | 1082 | 3562 | | | | | | | | | |
| 50 | 12/1.0 | | 4356 | 1982 | 1083 | 3563 | | | | | | | | | |
| 51 | 12/1.3 | | 4390 | 2456 | 1100 | 3580 | | | | | | | | | |
| 52 | 12/1.6 | | 4394 | 2900 | 1102 | 3582 | | | | | | | | | |
| 53 | 15.0/0.8 | | 4351 | 2422 | 1208 | 3618 | | | | | | | | | |
| 54 | 15.0/1.0 | | 4533 | 2595 | 1209 | 3619 | | | | | | | | | |
| 55 | 15.0/1.3 | | 4569 | 3497 | 1227 | 3637 | | | | | | | | | |
| 56 | 15.0/1.6 | | 4573 | 4050 | 1229 | 3639 | | | | | | | | | |
| 57 | 20.0/0.8 | | 5246 | 2916 | 1348 | 4168 | | | | | | | | | |
| 58 | 20.0/1.0 | | 5250 | 3661 | 1350 | 4170 | | | | | | | | | |
| 59 | 20.0/1.3 | | 5254 | 4187 | 1352 | 4172 | | | | | | | | | |
| 60 | 20.0/1.6 | | 5258 | 4860 | 1354 | 4174 | | | | | | | | | |
| 61 | 25.0/0.8 | | 6146 | 3344 | 1348 | 5068 | | | | | | | | | |
| 62 | 25.0/1.0 | | 6150 | 4222 | 1350 | 5070 | | | | | | | | | |
| 63 | 25.0/1.3 | | 6154 | 4830 | 1352 | 5072 | | | | | | | | | |
| 64 | 25.0/1.6 | | 6158 | 5610 | 1354 | 5074 | | | | | | | | | |
| 65 | 30.0/0.8 | | 6706 | 3808 | 1373 | 5603 | | | | | | | | | |
| 66 | 30.0/1.0 | | 6710 | 4653 | 1375 | 5605 | | | | | | | | | |
| 67 | 30.0/1.3 | | 6718 | 6345 | 1379 | 5609 | | | | | | | | | |
| 68 | 30.0/1.6 | | 6722 | 7230 | 1381 | 5611 | | | | | | | | | |
| 69 | 40.0/0.8 | | 8676 | 4905 | 1373 | 7413 | | | | | | | | | |
| 70 | 40.0/1.0 | | 8680 | 6024 | 1375 | 7415 | | | | | | | | | |
| 71 | 40.0/1.3 | | 8688 | 8266 | 1379 | 7419 | | | | | | | | | |

Specifications are subject to change without notice.

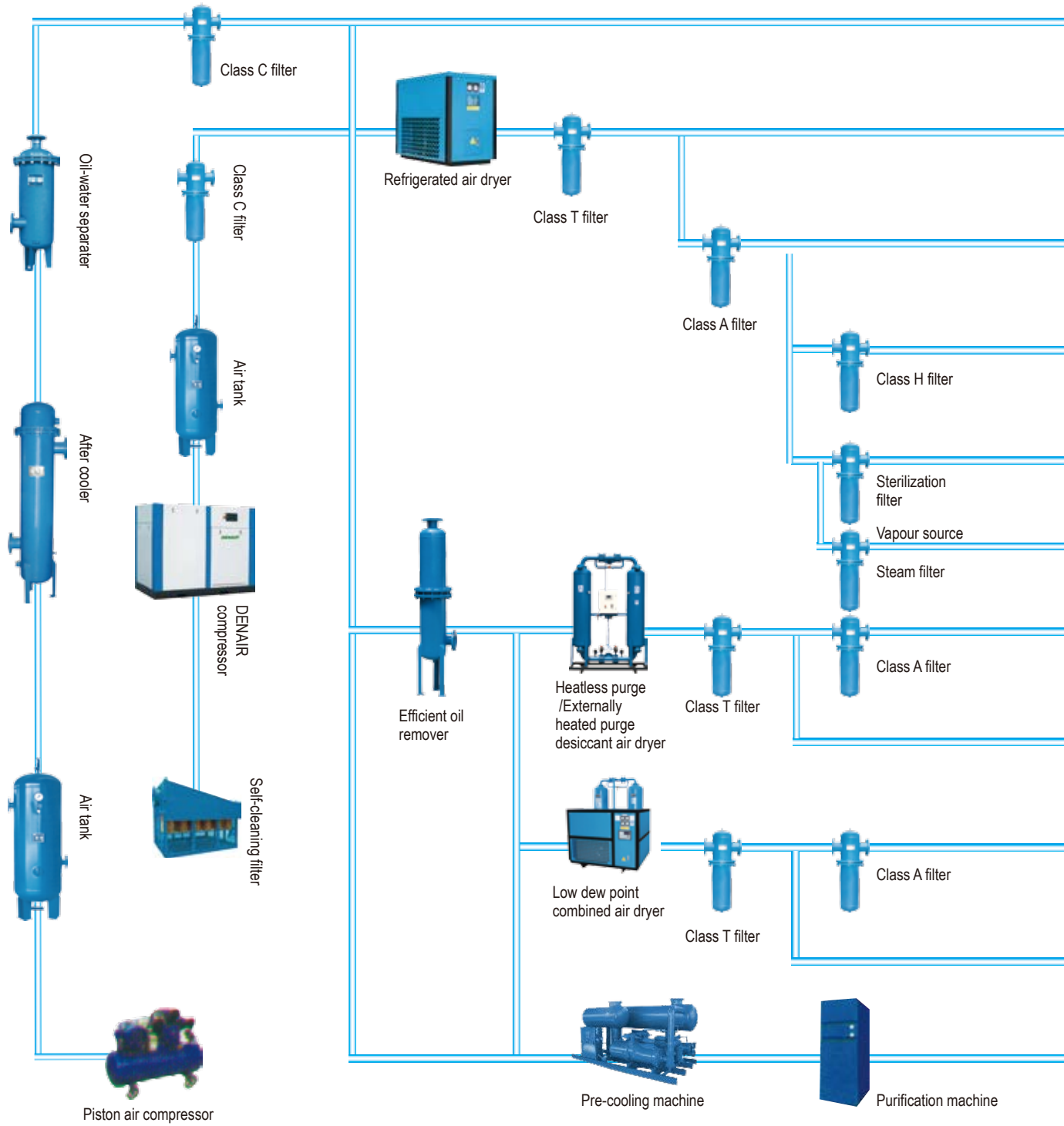
0.3 ~ 10 m³ @ 25 ~40 bar(e)

| No. | Capacity(m ³)/ Pressure(Mpa) | Designed temperature | Height | Weight (kg) | Diameter Φ | Air inlet | | | Air outlet | | | Support | | Safety valve nozzle | Drain valve nozzle |
|-----|---|-------------------------|--------|----------------|---------------|-----------|-----|----------------------|------------|-----|----------------------|---------|----|------------------------|-----------------------|
| | | | | | | H2 | DN | Screw thread type | H3 | DN | Screw thread type | D | d | | |
| 1 | 0.3/2.5 | 110 | 1476 | 167 | 600 | 658 | | Rp11/2 | 1058 | | Rp11/2 | 420 | 20 | Rp13/4 | R1/2 |
| 2 | 0.3/3.0 | | 1476 | 187 | | 658 | | | 1058 | | | | | | |
| 3 | 0.3/4.0 | | 1480 | 276 | | 660 | | | 1060 | | | | | | |
| 4 | 0.6/2.5 | | 1866 | 285 | 700 | 683 | | Rp11/2 | 1498 | | Rp11/2 | 490 | 24 | Rp13/4 | R1/2 |
| 5 | 0.6/3.0 | | 1870 | 318 | | 685 | | | 1500 | | | | | | |
| 6 | 0.6/4.0 | | 1874 | 435 | | 687 | | | 1502 | | | | | | |
| 7 | 1.0/2.5 | | 2311 | 420 | 800 | 693 | 65 | Rp11/2 | 1903 | 65 | Rp11/2 | 560 | 24 | Rp1 | R1/2 |
| 8 | 10/3.0 | | 2315 | 515 | | 695 | | | 1905 | | | | | | |
| 9 | 1.0/4.0 | | 2319 | 670 | | 697 | | | 1907 | | | | | | |
| 10 | 1.5/2.5 | | 2745 | 682 | 900 | 740 | 65 | Rp2 | 2300 | 65 | Rp2 | 630 | 24 | Rp1 | R1/2 |
| 11 | 1.5/3.0 | | 2749 | 795 | | 742 | | | 2302 | | | | | | |
| 12 | 1.5/4.0 | | 2753 | 958 | | 744 | | | 2304 | | | | | | |
| 13 | 2.0/2.5 | | 2800 | 780 | 1000 | 765 | 80 | Rp2 | 2325 | 80 | Rp2 | 700 | 24 | Rp11/4 | R1/2 |
| 14 | 2.0/3.0 | | 2804 | 915 | | 767 | | | 2327 | | | | | | |
| 15 | 2.0/4.0 | | 2812 | 1248 | | 771 | | | 2331 | | | | | | |
| 16 | 2.5/2.5 | | 2854 | 1075 | 1100 | 792 | 80 | | 2352 | 80 | | 770 | 24 | Rp11/4 | R1/2 |
| 17 | 2.5/3.0 | | 2858 | 1225 | | 794 | | | 2354 | | | | | | |
| 18 | 2.5/4.0 | | 2866 | 1890 | | 798 | | | 2358 | | | | | | |
| 19 | 3.0/2.5 | | 2944 | 1180 | 1200 | 857 | 80 | | 2417 | 80 | | 906 | 24 | Rp11/2 | R3/4 |
| 20 | 3.0/3.0 | | 2948 | 1368 | | 859 | | | 2419 | | | | | | |
| 21 | 3.0/4.0 | | 2960 | 2205 | | 865 | | | 2425 | | | | | | |
| 22 | 4.0/2.5 | | 3058 | 1654 | 1400 | 919 | 100 | | 2479 | 100 | | 1050 | 24 | Rp11/2 | R3/4 |
| 23 | 4.0/3.0 | | 3062 | 1866 | | 921 | | | 2481 | | | | | | |
| 24 | 5.0/2.5 | | 3788 | 2004 | | 919 | | | 3019 | | | | | | |
| 25 | 5.0/3.0 | | 3792 | 2270 | 1400 | 921 | 100 | | 3021 | 100 | | 1050 | 24 | DN50 | R3/4 |
| 26 | 6.0/2.5 | | 4418 | 2247 | | 939 | | | 3659 | | | | | | |
| 27 | 6.0/3.0 | | 4422 | 2549 | | 941 | | | 3661 | | | | | | |
| 28 | 8.0/2.5 | | 3230 | 2325 | 2000 | 1095 | 125 | | 2375 | 125 | | 1500 | 24 | DN50 | R3/4 |
| 29 | 8.0/3.0 | | 3234 | 2555 | | 1097 | | | 2377 | | | | | | |
| 30 | 10.0/2.5 | | 3830 | 2792 | | 1095 | | | 3005 | | | | | | |

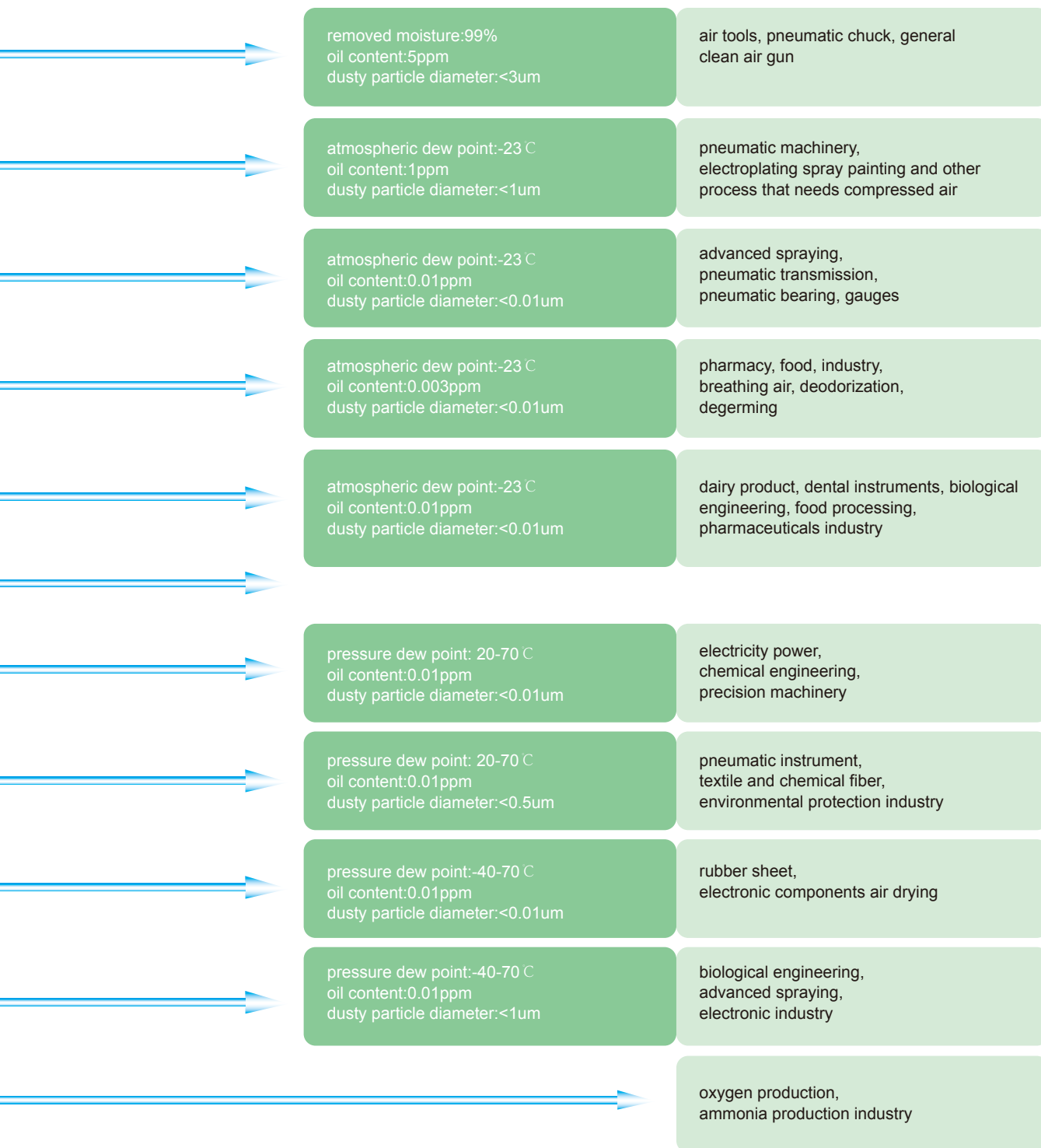
Specifications are subject to change without notice.



Flow Chart of Compressed Air Purifying System



Note: the above chart for reference only, it can be adjusted according to the actual conditions.





P_DNR201808-02 Specifications are subject to change without prior notice.
Never use compressed air as breathing air without prior purification in accordance with local legislation and standards.



Denair Energy Saving Technology (Shanghai) Plc.

No. 10, Xinghao Rd., Jinshan District,
Shanghai 201502, China
Tel.: +86 21 3783 1829
Fax: +86 21 6040 5929

info@denair.net
www.denair.net